

Fig. 1

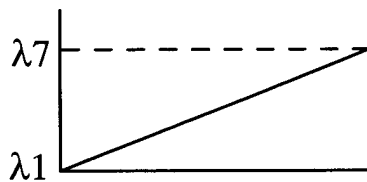


Fig. 2

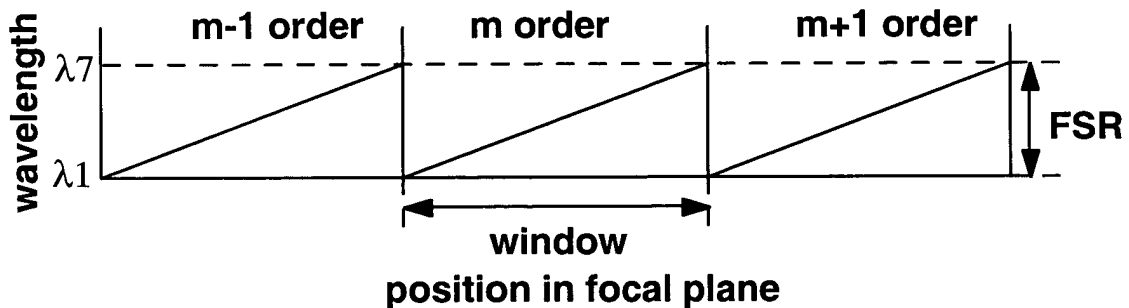


Fig. 3

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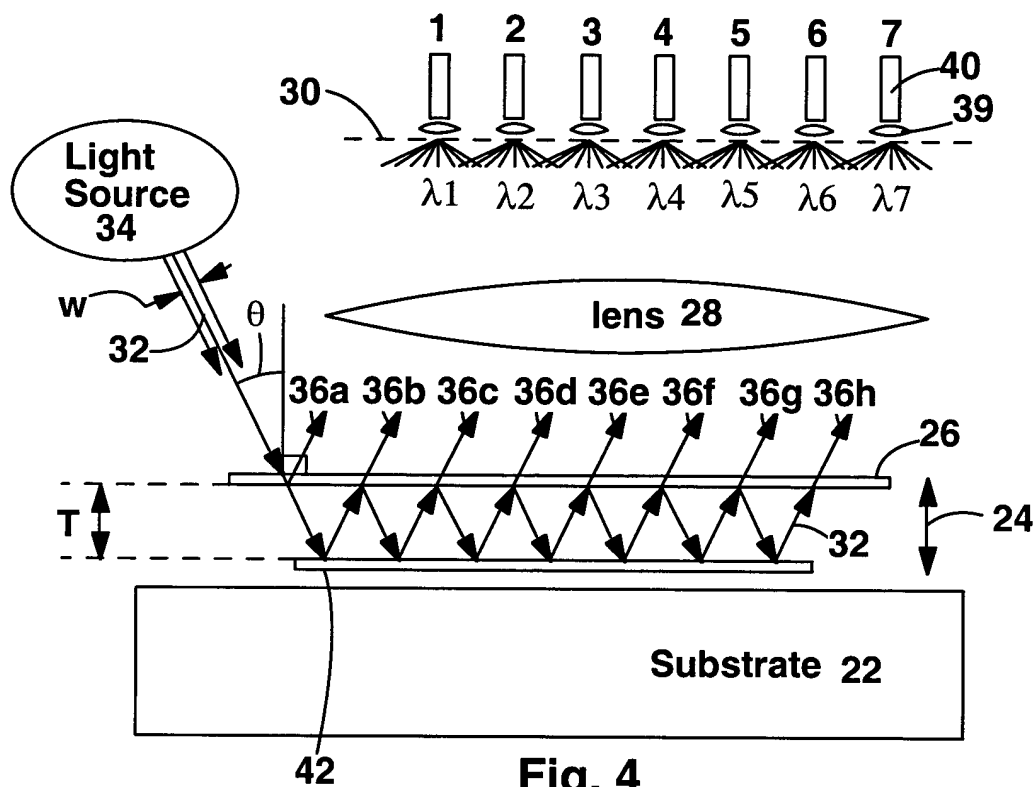


Fig. 4

column 1

column 8

7	λ_7	λ_1	λ_2	λ_3	λ_4	λ_5	λ_6	λ_7
6	λ_6	λ_7	λ_1	λ_2	λ_3	λ_4	λ_5	λ_6
5	λ_5	λ_6	λ_7	λ_1	λ_2	λ_3	λ_4	λ_5
4	λ_4	λ_5	λ_6	λ_7	λ_1	λ_2	λ_3	λ_4
3	λ_3	λ_4	λ_5	λ_6	λ_7	λ_1	λ_2	λ_3
2	λ_2	λ_3	λ_4	λ_5	λ_6	λ_7	λ_1	λ_2
1	λ_1	λ_2	λ_3	λ_4	λ_5	λ_6	λ_7	λ_1

Optical Fiber

low (large T) Mirror 42 Position high (small T)

Fig. 5

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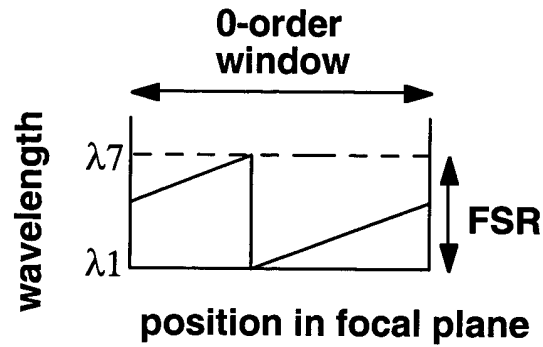


Fig. 6

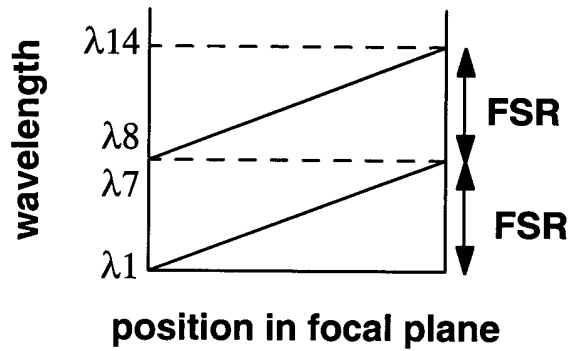


Fig. 7

Optical Fiber	7	λ_7 λ_{14}	λ_1 λ_8	λ_2 λ_9	λ_3 λ_{10}	λ_4 λ_{11}	λ_5 λ_{12}	λ_6 λ_{13}
	6	λ_6 λ_{13}	λ_7 λ_{14}	λ_1 λ_8	λ_2 λ_9	λ_3 λ_{10}	λ_4 λ_{11}	λ_5 λ_{12}
	5	λ_5 λ_{12}	λ_6 λ_{13}	λ_7 λ_{14}	λ_1 λ_8	λ_2 λ_9	λ_3 λ_{10}	λ_4 λ_{11}
	4	λ_4 λ_{11}	λ_5 λ_{12}	λ_6 λ_{13}	λ_7 λ_{14}	λ_1 λ_8	λ_2 λ_9	λ_3 λ_{10}
	3	λ_3 λ_{10}	λ_4 λ_{11}	λ_5 λ_{12}	λ_6 λ_{13}	λ_7 λ_{14}	λ_1 λ_8	λ_2 λ_9
	2	λ_2 λ_9	λ_3 λ_{10}	λ_4 λ_{11}	λ_5 λ_{12}	λ_6 λ_{13}	λ_7 λ_{14}	λ_1 λ_8
	1	λ_1 λ_8	λ_2 λ_9	λ_3 λ_{10}	λ_4 λ_{11}	λ_5 λ_{12}	λ_6 λ_{13}	λ_7 λ_{14}
		low (large T) Mirror Position high (small T)						

Fig. 8

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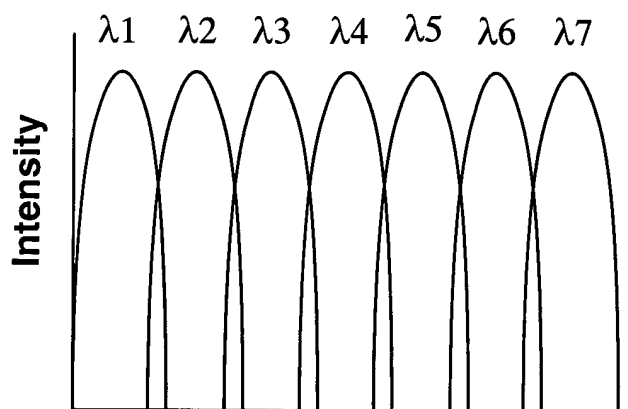


Fig. 9a Focal Plane Position

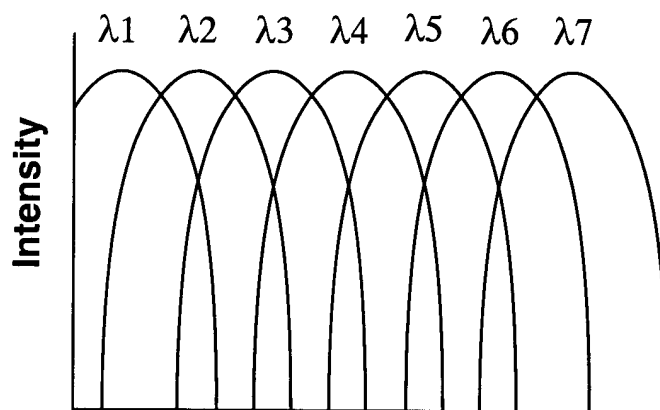


Fig. 9b Focal Plane Position

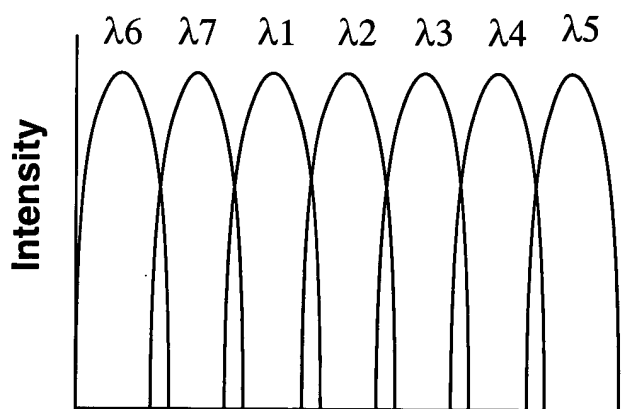


Fig. 10 Focal Plane Position

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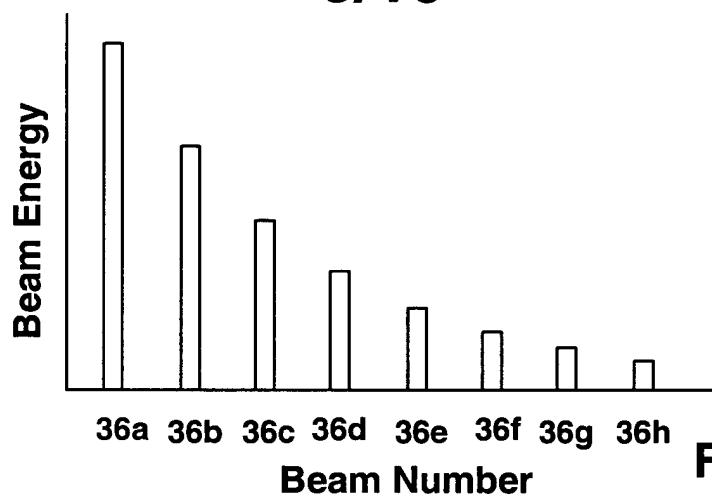


Fig. 11

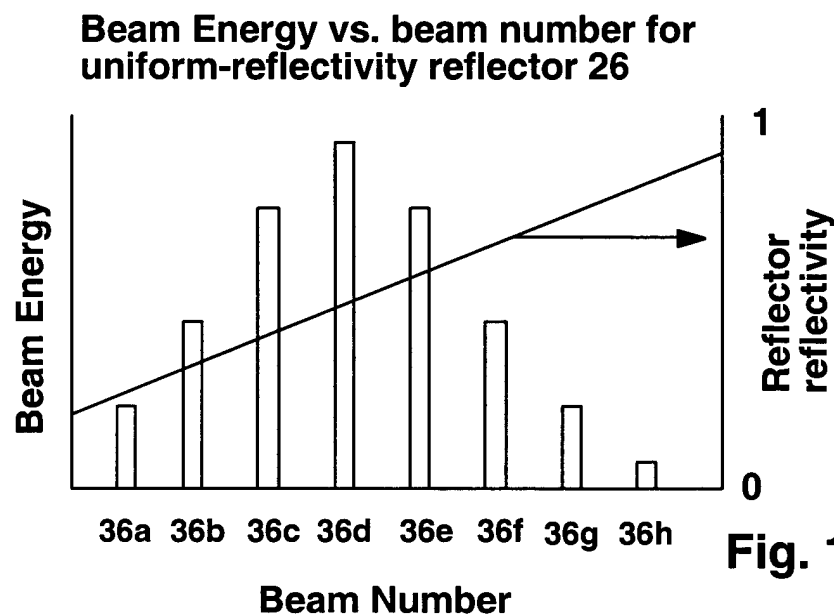


Fig. 12

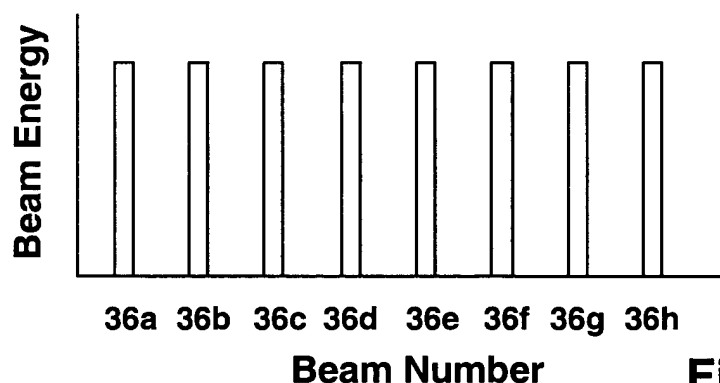
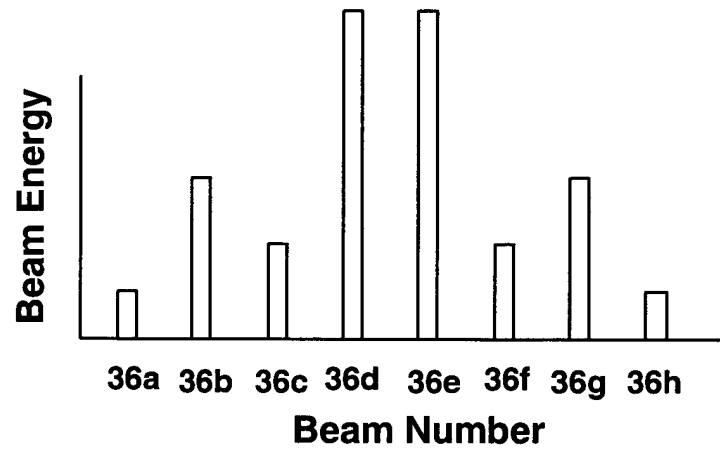


Fig. 13

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Beam Energy vs. beam number
Sinc function- energy distribution

Fig. 14

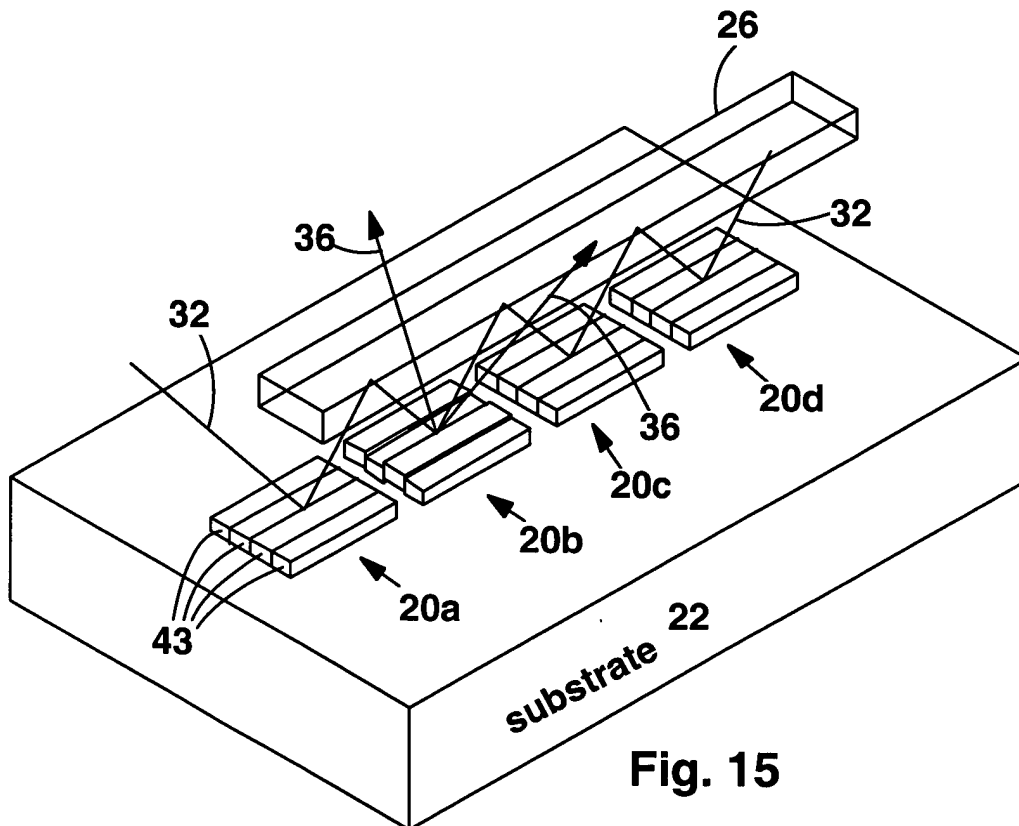
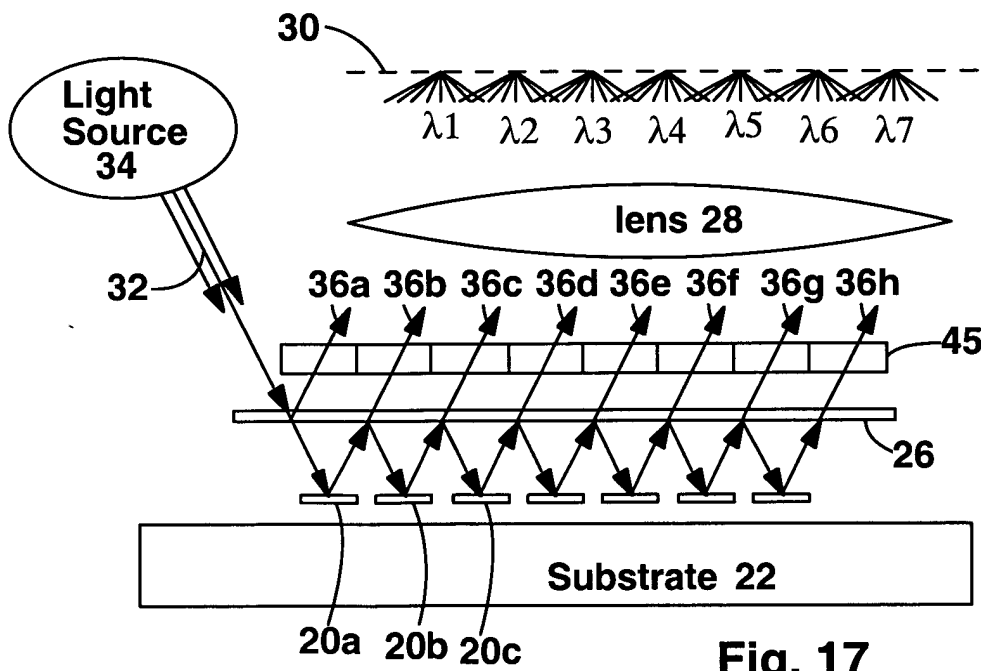
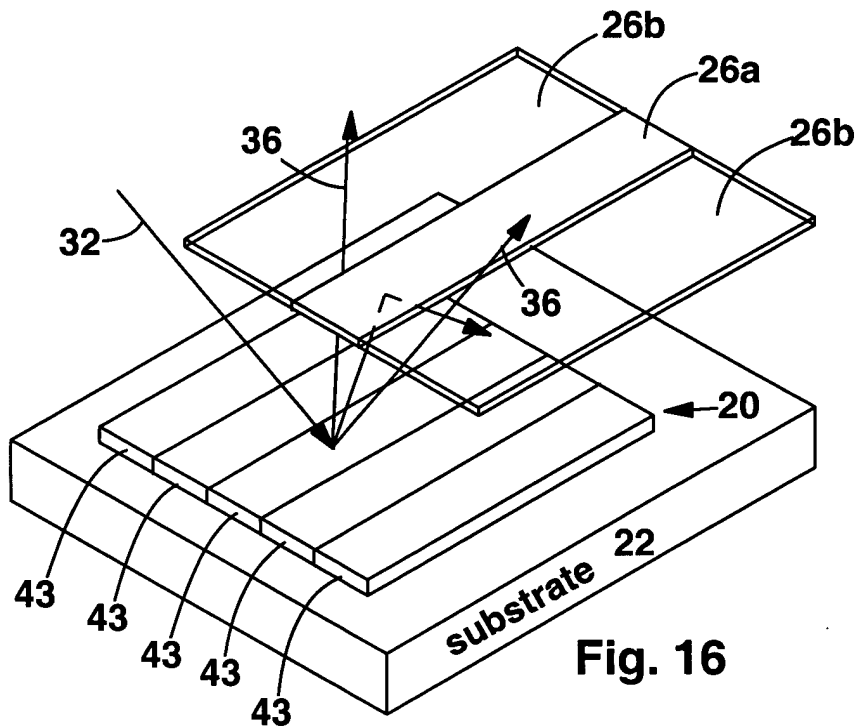


Fig. 15

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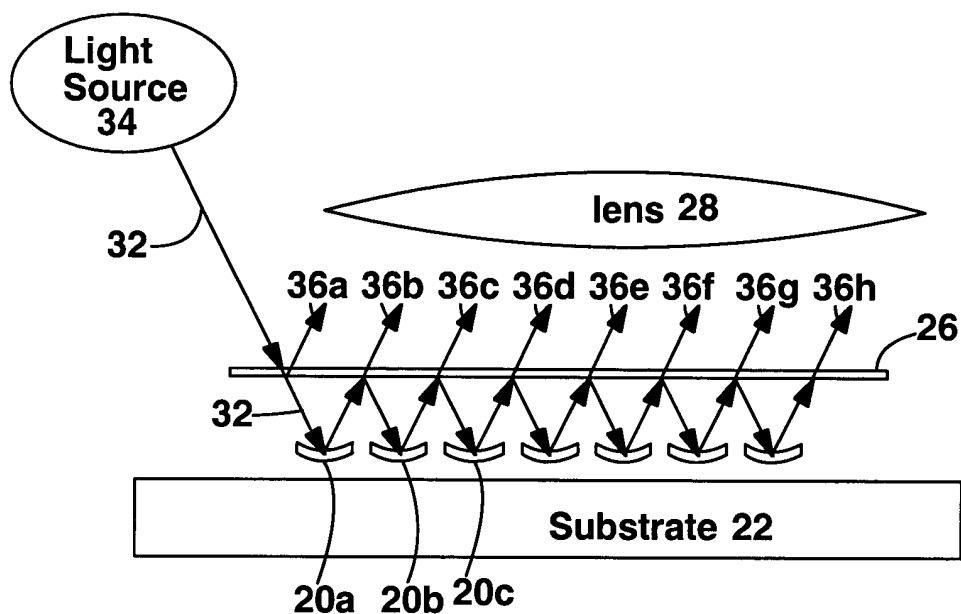


Fig. 18

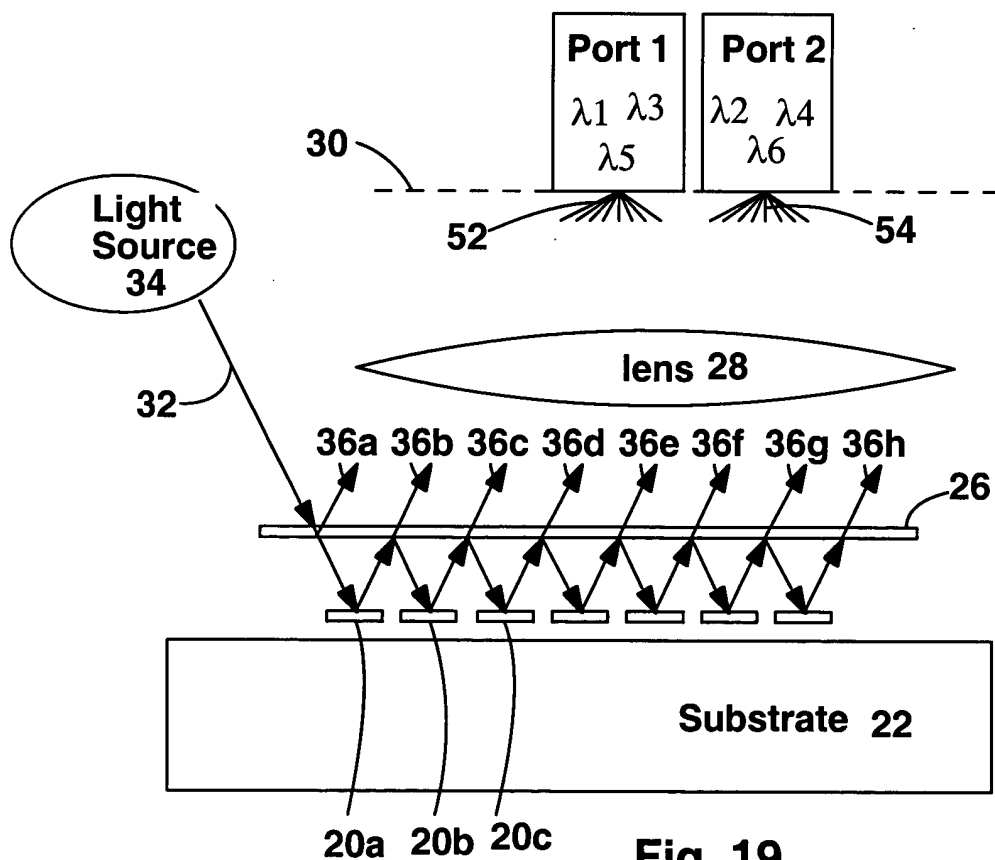


Fig. 19



$\lambda_2 \lambda_4 \lambda_6$	$\lambda_1 \lambda_3 \lambda_5$
$\lambda_1 \lambda_3 \lambda_5$	$\lambda_2 \lambda_4 \lambda_6$

Fig. 21

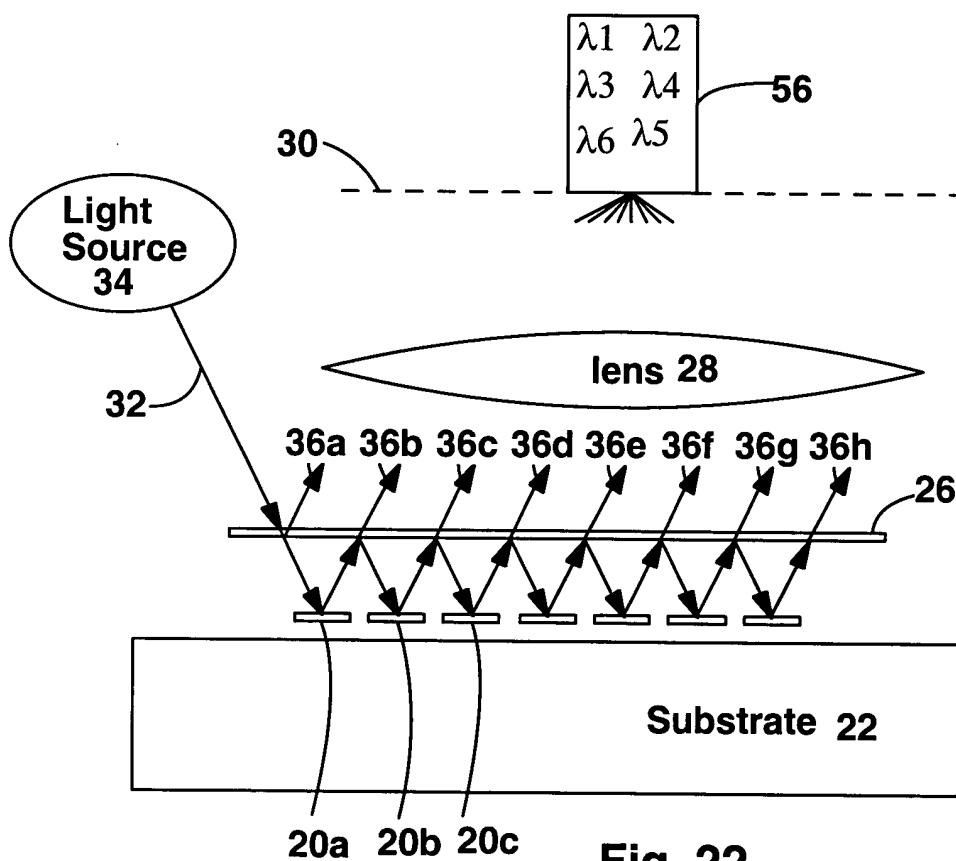


Fig. 22

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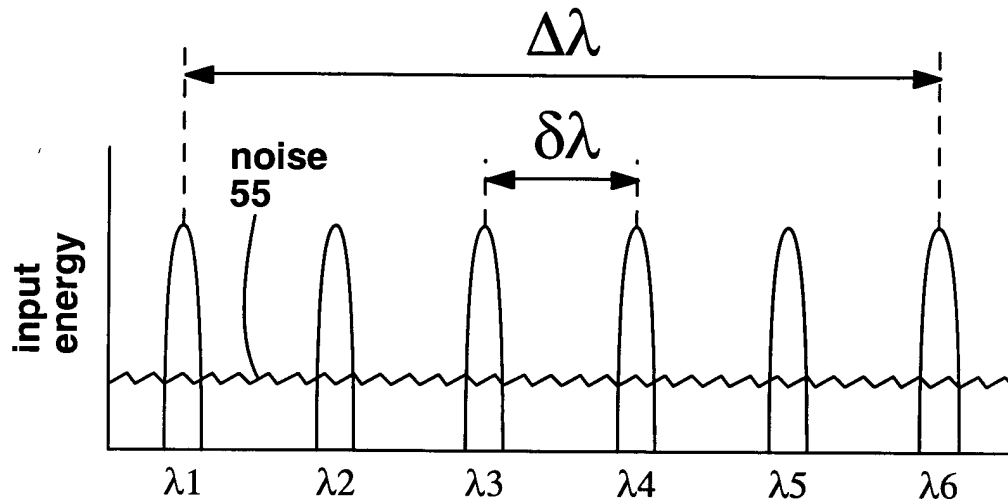


Fig. 23a

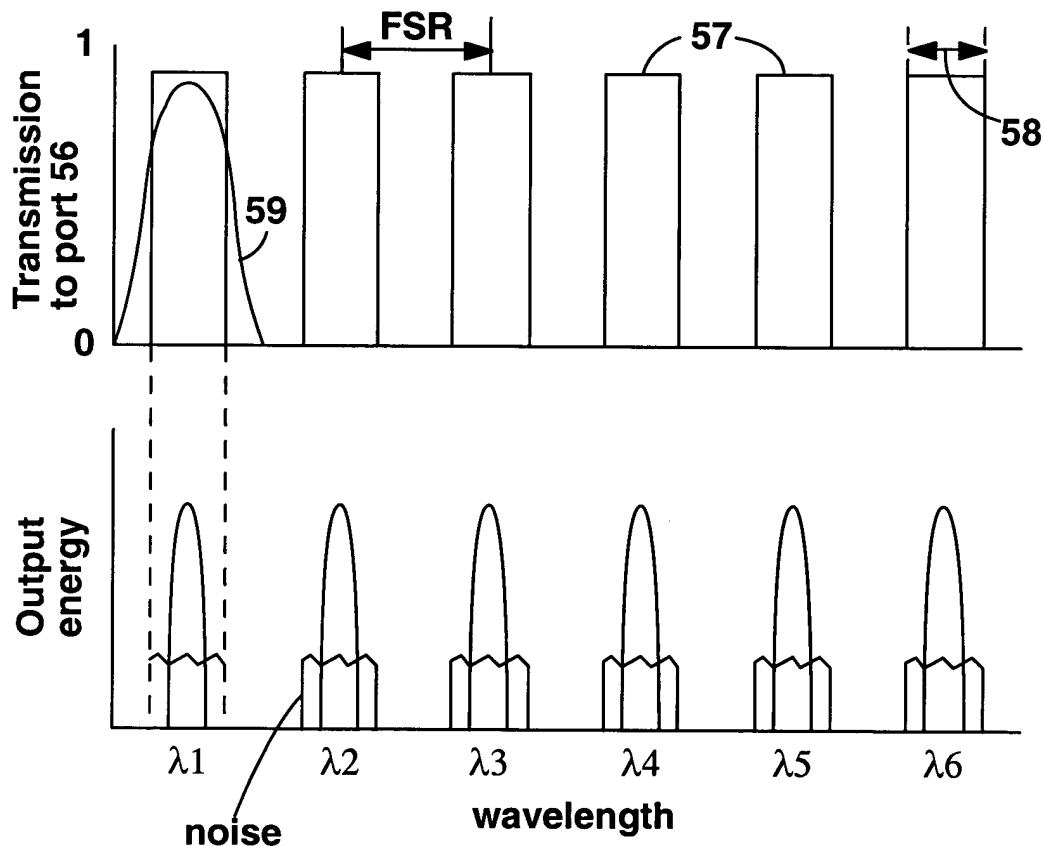


Fig. 23b

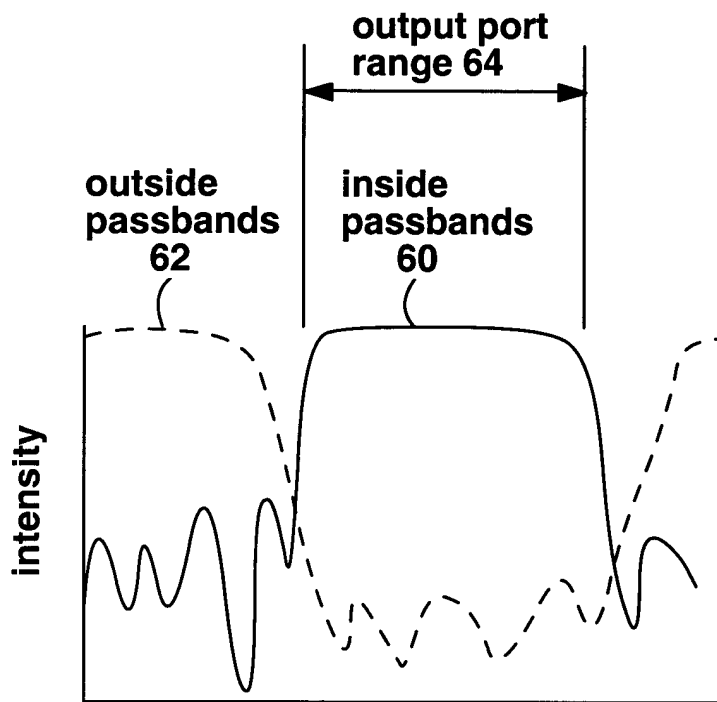


Fig. 24 position in focal plane

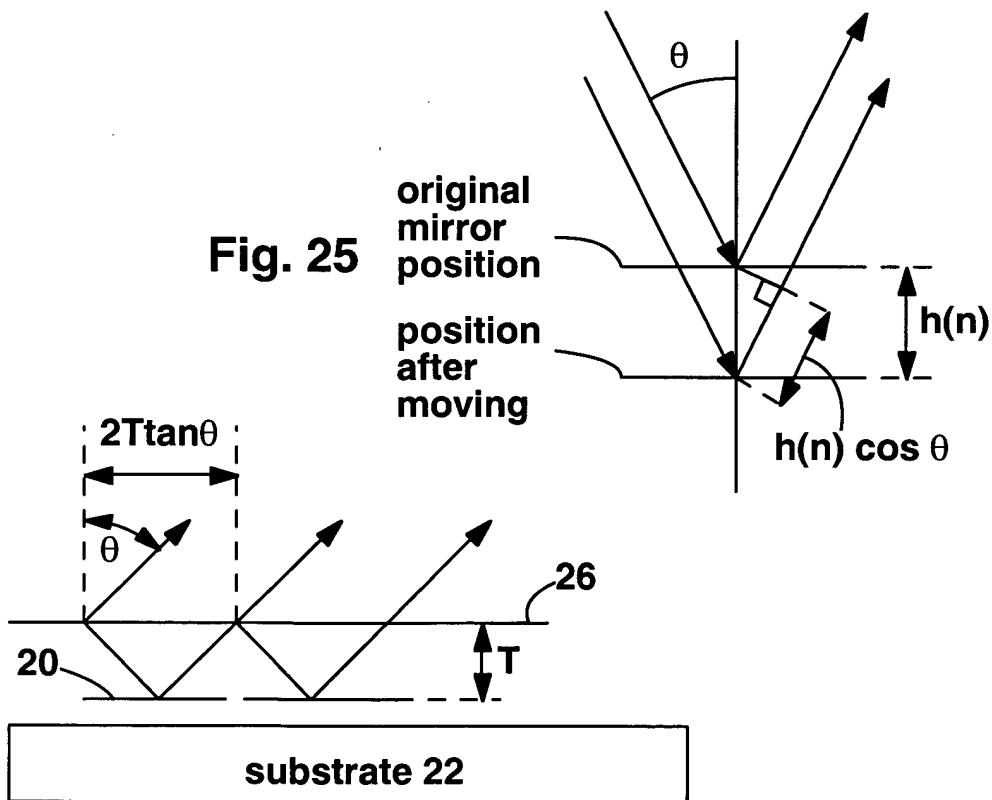


Fig. 26

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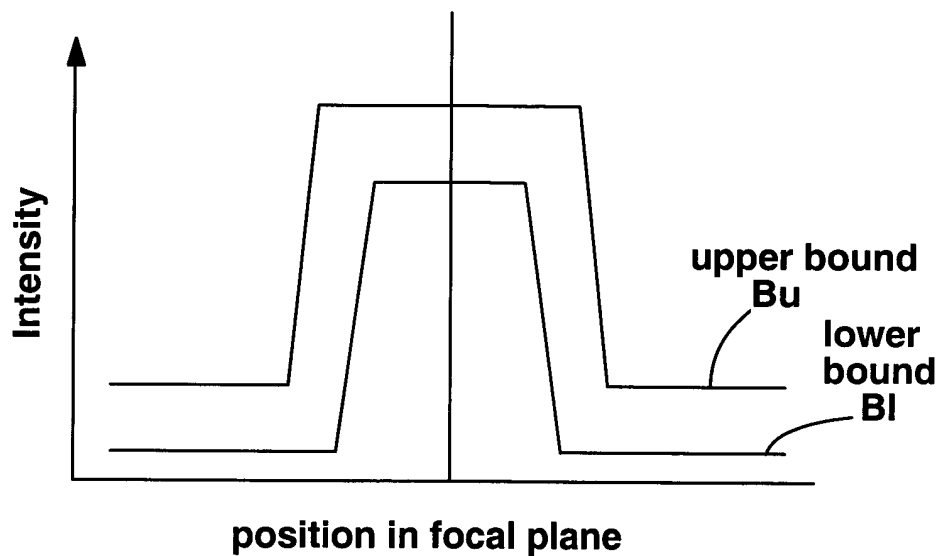


Fig. 27

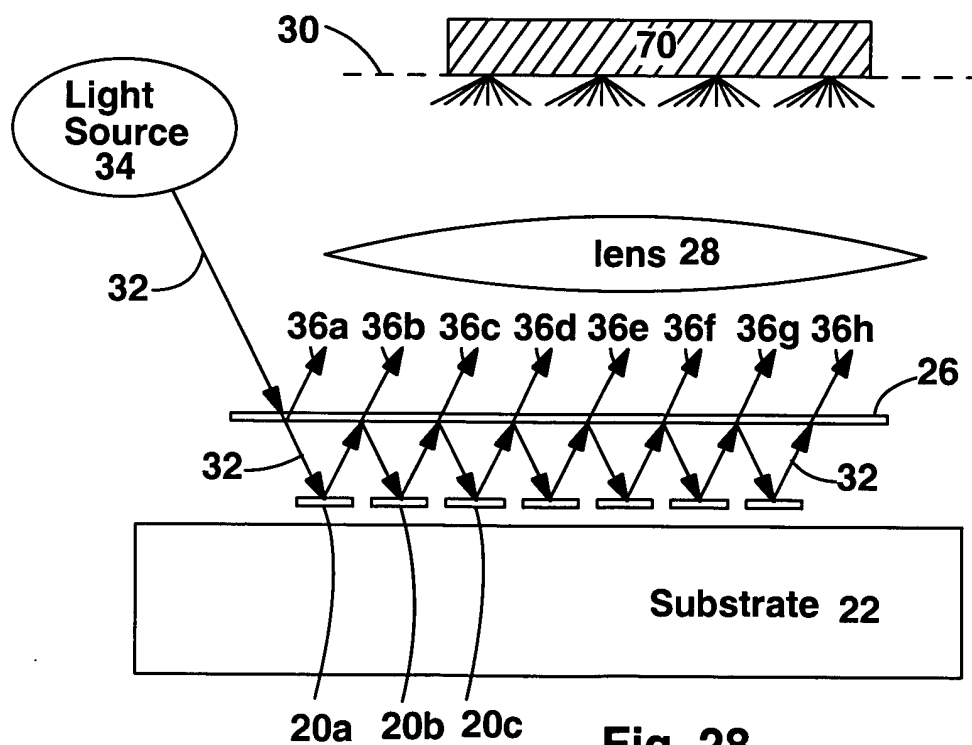


Fig. 28

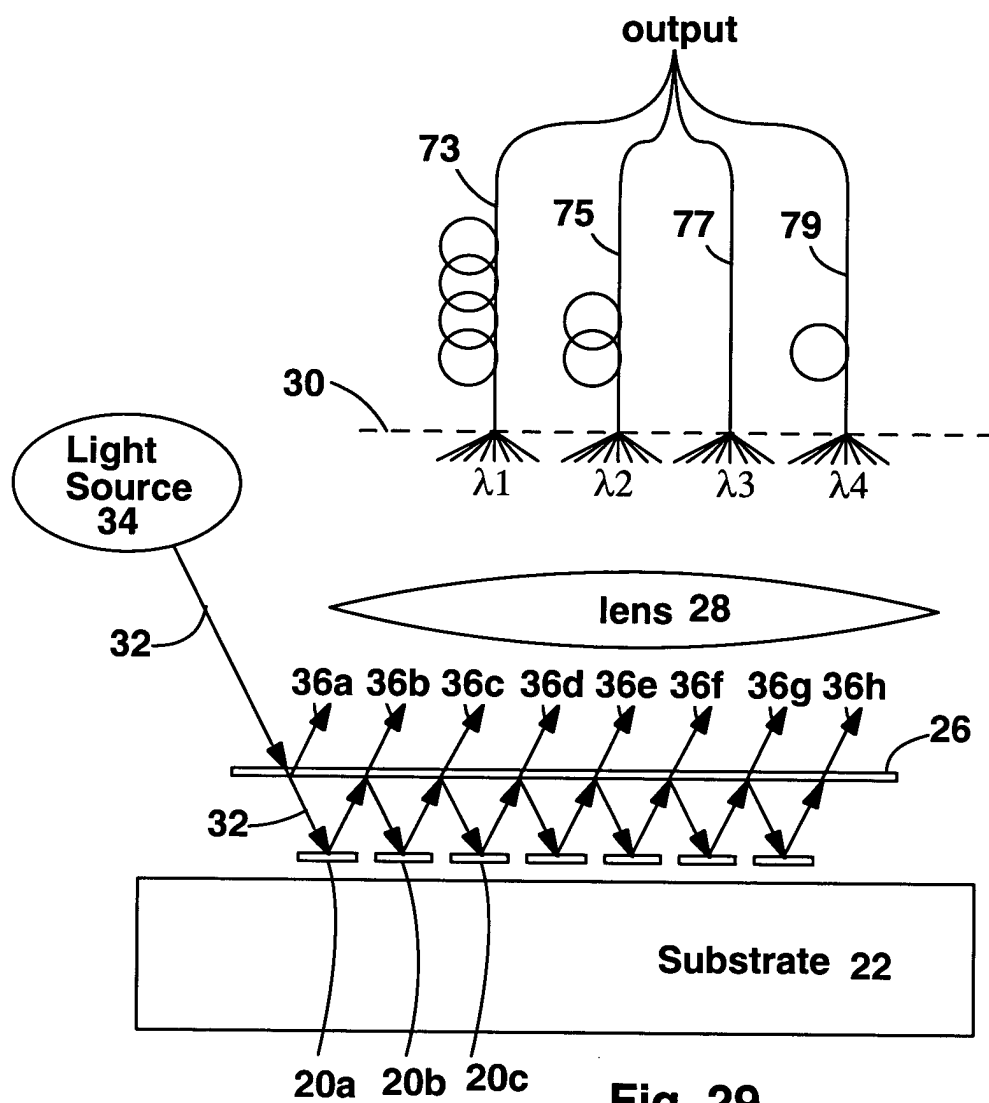
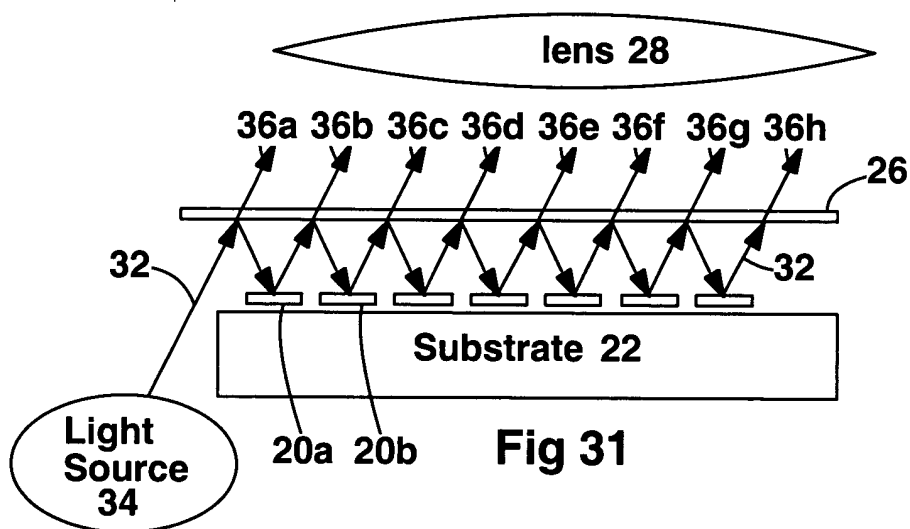
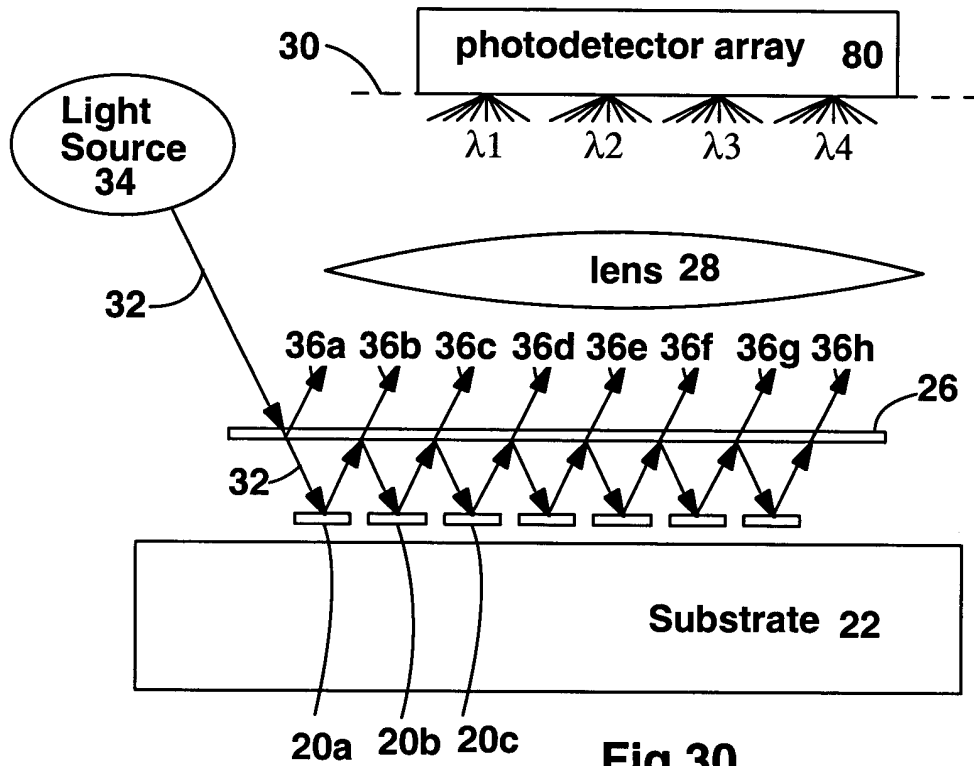
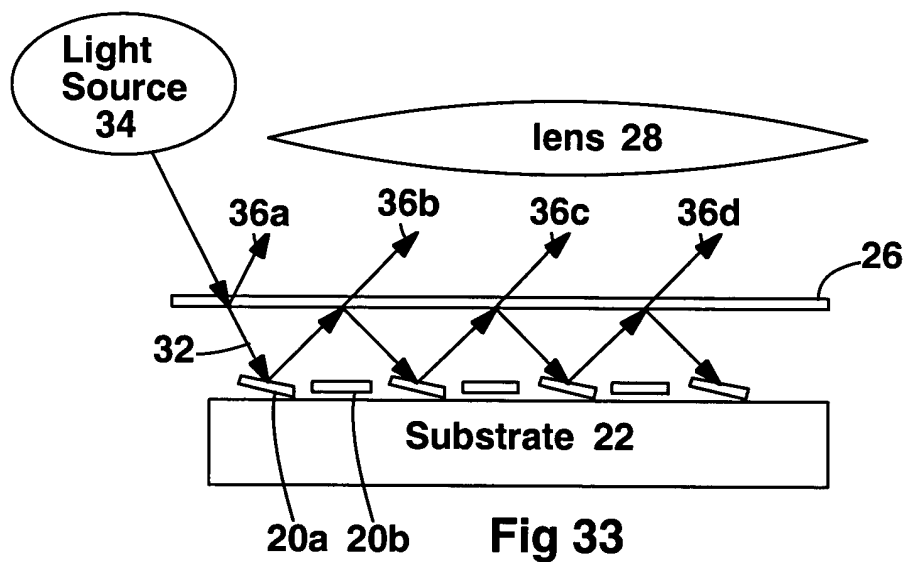
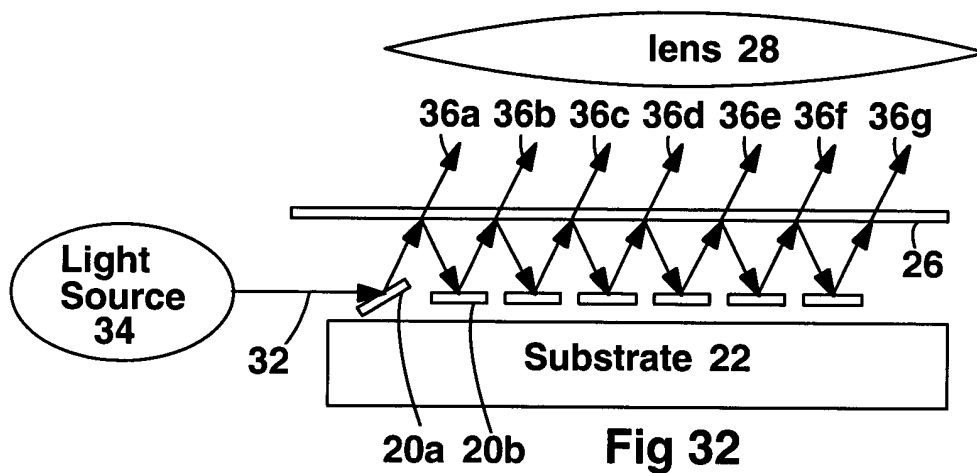


Fig. 29





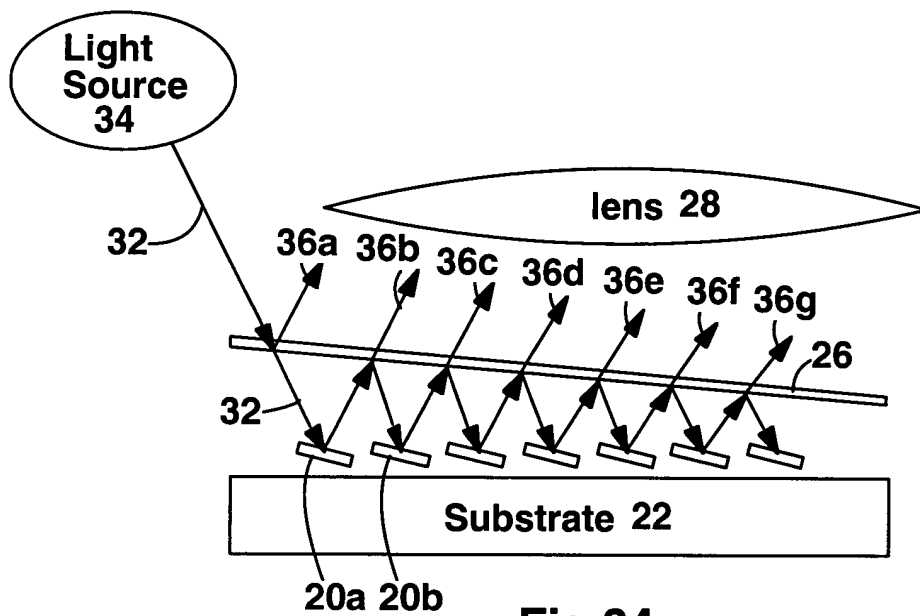


Fig 34